

**DENSE PACK PM10
COAL USAGE CALCULATIONS**

Projection

YEARLY INVENTORY

5,578,473	Tons coal received Railcar Unloading
0	Tons coal received Truck Unloading
5,268,249	Tons of coal fed to both Units
2,789,237	Tons of coal fed to Unit 1
2,789,237	Tons of coal fed to Unit 2
11,800	Coal heating value (Btu/lb)
	Gallons of #2 Fuel Oil burned in Unit 1
	Gallons of #2 Fuel Oil burned in Unit 2
	Gallons of #2 Fuel Oil burned in Aux. Boilers
	Fuel Oil heating value (Btu/lb)
	#2 Fuel Oil density (lb/gallon)
	Tons of Lime received
	Tons of Soda Ash received
	Tons of Limestone received
	Tons of Sludged produced
25.1	Coal pile (acres)
	Sludge pile (acres)
0	Limestone pile (acres)
	Unit 1 SO2 lbs/mmmbtu
	Unit 1 SO2 tons (Part 75 CEM value)
0.0073	Unit 1 NOx lbs/mmmbtu (Part 75 CEM value)
	Unit 1 Particulate lbs/mmmbtu (TSP)
	Unit 2 SO2 lbs/mmmbtu
	Unit 2 SO2 tons (Part 75 CEM value)
	Unit 2 NOx lbs/mmmbtu (Part 75 CEM value)
0.0037	Unit 2 Particulate lbs/mmmbtu (TSP)

DAQ ID 1.0
2381

UNIT 1 SO2 EMISSIONS
0.000 TYP SO2

Unit One CEM SO2 tons per year
Unit SO2 tons/year 0 tons/year

2381

UNIT 1 NOx EMISSIONS**TPY NOx Coal Combustion**

NOx lbs/mmmbtu * (Coal fed to U1 * 2000lbs/ton) * Coal heating value(btu/lb)
 NOx lbs/mmmbtu annual average 0.000 lbs/mmmbtu
 Coal fed to Unit One 2,789,237 tons
 Coal Heating Value 11,800 btu/lb

TPY NOx Fuel Oil Combustion

NOx lbs/1000 gals. * Fuel Oil burned Unit One * 1 ton/2000 lbs
 NOx lbs/1000 gals 10.0 lbs/1000 gals
 Fuel Oil burned in Unit One 0 gals.

UNIT 1 FABRIC FILTER PARTICULATE EMISSION (online)
 221.0436 TYP Particulate PM10 AP 42 Table 1.1-6

UNIT 2 FABRIC FILTER PARTICULATE EMISSION (online)
 112.0358 TYP Particulate PM10 AP 42 Table 1.1-6

COAL TRAIN UNLOADING DUST COLLECTORS A,B,C,D
 0.0625 TYP Particulate PM10

COAL TRUCK UNLOADING DUST COLLECTOR
 0.0000 TYP Particulate PM10 Included in train unloading

COAL RESERVE RECLAIM DUST COLLECTOR
 0.0018 TYP Particulate PM10 10% of Coal Crusher Emissions

COAL SAMPLE PREPARATION DUST COLLECTOR
 0.0000 TYP Particulate PM10

COAL TRANSFER BUILDING #1 DUST COLLECTOR
 0.0156 TYP Particulate PM10

COAL TRANSFER BUILDING #2 DUST COLLECTOR
 0.0304 TYP Particulate PM10

COAL TRANSFER BUILDING #4 DUST COLLECTOR
 0.0184 TYP Particulate PM10

COAL CRUSHER BUILDING DUST COLLECTOR
 0.0184 TYP Particulate PM10

ACTIVE COAL STACKOUT (fugitive)
 3.9049 TYP Particulate PM10

DUST COLLECTOR 13A & 13B
 0.0295 TYP Particulate PM10

DUST COLLECTOR 14A & 14B
 0.0156 TYP Particulate PM10

COAL PILE FUGITIVE EMISSIONS
 0.8368 TYP Particulate PM10

338.0135 TYP PM10 (COAL ONLY)

Annual Emissions Inventory Calculations

2/12 Aug

**DENSE PACK PM10
COAL USAGE CALCULATIONS****YEARLY INVENTORY**

5,268,249
0
5,268,249
2,634,125
2,634,125
11,800
25.1
0
0.0073
0.0037

Tons coal received Railcar Unloading
Tons coal received Truck Unloading
Tons of coal fed to both Units
Tons of coal fed to Unit 1
Tons of coal fed to Unit 2
Coal heating value (Btu/lb)
Gallons of #2 Fuel Oil burned in Unit 1
Gallons of #2 Fuel Oil burned in Unit 2
Gallons of #2 Fuel Oil burned in Aux. Boilers
Fuel Oil heating value (Btu/lb)
#2 Fuel Oil density (lb/gallon)
Tons of Lime received
Tons of Soda Ash received
Tons of Limestone received
Tons of Sludged produced
Coal pile (acres)
Sludge pile (acres)
Limestone pile (acres)
Unit 1 SO₂ lbs/mmbtu
Unit 1 SO₂ tons (Part 75 CEM value)
Unit 1 NO_x lbs/mmbtu (Part 75 CEM value)
Unit 1 Particulate lbs/mmbtu (tsp)
Unit 2 SO₂ lbs/mmbtu
Unit 2 SO₂ tons (Part 75 CEM value)
Unit 2 NO_x lbs/mmbtu (Part 75 CEM value)
Unit 2 Particulate lbs/mmbtu (tsp)

DAQ ID
2381

1.0

UNIT 1 SO₂ EMISSIONS0.000 TYP SO₂

0

Unit One CEM SO₂ tons per yearU1 SO₂ tons/year

0 tons/year

2381

UNIT 1 NO_x EMISSIONS**TPY NO_x Coal Combustion**NO_x lbs/mmbtu * (Coal fed to U1 * 2000lbs/ton) * Coal heating value(btu/lb)NO_x lbs/mmbtu annual average 0.000 lbs/mmbtu

Coal fed to Unit One 2,634,125 tons

Coal heating value 11,800 btu/lb

TPY NO_x Fuel Oil CombustionNO_x lbs/1000 gals. * Fuel Oil burned Unit One * 1 ton/2000 lbsNO_x lbs/1000 gals 10.0 lbs/1000 gals

Fuel Oil burned in Unit One 0 gals.

UNIT 1 FABRIC FILTER PARTICULATE EMISSION (online)
208.7512 TYP Particulate PM10 AP 42 Table 1.1-6

UNIT 2 FABRIC FILTER PARTICULATE EMISSION (online)
105.8054 TYP Particulate PM10 AP 42 Table 1.1-6

COAL TRAIN UNLOADING DUST COLLECTORS A,B,C,D
0.0590 TYP Particulate PM10

COAL TRUCK UNLOADING DUST COLLECTOR
0.0000 TYP Particulate PM10 Included in train unloading

COAL RESERVE RECLAIM DUST COLLECTOR
0.0018 TYP Particulate PM10 10% of Coal Crusher Emissions

COAL SAMPLE PREPARATION DUST COLLECTOR
0.0000 TYP Particulate PM10

COAL TRANSFER BUILDING #1 DUST COLLECTOR
0.0148 TYP Particulate PM10

COAL TRANSFER BUILDING #2 DUST COLLECTOR
0.0295 TYP Particulate PM10

COAL TRANSFER BUILDING #4 DUST COLLECTOR
0.0184 TYP Particulate PM10

COAL CRUSHER BUILDING DUST COLLECTOR
0.0184 TYP Particulate PM10

ACTIVE COAL STACKOUT (fugitive)
3.6878 TYP Particulate PM10

DUST COLLECTOR 13A & 13B
0.0295 TYP Particulate PM10

DUST COLLECTOR 14A & 14B
0.0148 TYP Particulate PM10

COAL PILE FUGITIVE EMISSIONS
0.7902 TYP Particulate PM10

319.2209 TYP PM10 (COAL ONLY)

Projections

**DENSE PACK PM10
COAL USAGE CALCULATIONS**

YEARLY INVENTORY

5,578,473
0
5,268,249
2,789,237
2,789,237
11,800
25.1
0
0.0045
0.0045

Tons coal received Railcar Unloading
Tons coal received Truck Unloading
Tons of coal fed to both Units
Tons of coal fed to Unit 1
Tons of coal fed to Unit 2
Coal heating value (Btu/lb)
Gallons of #2 Fuel Oil burned in Unit 1
Gallons of #2 Fuel Oil burned in Unit 2
Gallons of #2 Fuel Oil burned in Aux. Boilers
Fuel Oil heating value (Btu/lb)
#2 Fuel Oil density (lb/gallon)
Tons of Lime received
Tons of Soda Ash received
Tons of Limestone received
Tons of Sludged produced
Coal pile (acres)
Sludge pile (acres)
Limestone pile (acres)
Unit 1 SO₂ lbs/mmbtu
Unit 1 SO₂ tons (Part 75 CEM value)
Unit 1 NO_x lbs/mmbtu (Part 75 CEM value)
Unit 1 Particulate lbs/mmbtu (tsp)
Unit 2 SO₂ lbs/mmbtu
Unit 2 SO₂ tons (Part 75 CEM value)
Unit 2 NO_x lbs/mmbtu (Part 75 CEM value)
Unit 2 Particulate lbs/mmbtu (tsp)

DAQ ID 1.0
2381

UNIT 1 SO₂ EMISSIONS

0.000 TYP SO₂

0

Unit One CEM SO₂ tons per year

0.0 tons/year

0 tons/year

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UNIT 1 NO_x EMISSIONS

TPY NO_x Coal Combustion

NO_x lbs/mmbtu * (Coal fed to U1 * 2000lbs/ton) * Coal heating value(btu/lb)

NO_x lbs/mmbtu annual average 0.000 lbs/mmbtu

Coal fed to Unit One 2,789,237 tons

Coal Heating Value 11,800 btu/lb

TPY NO_x Fuel Oil Combustion

NO_x lbs/1000 gals * Fuel Oil burned Unit One * 1 ton/2000 lbs

NO_x lbs/1000 gals 10.0 lbs/1000 gals

Fuel Oil burned in Unit One 0 gals.

UNIT 1 FABRIC FILTER PARTICULATE EMISSION (online)

136.2598 TYP Particulate PM10 AP 42 Table 1.1-6

UNIT 2 FABRIC FILTER PARTICULATE EMISSION (online)

136.2598 TYP Particulate PM10 AP 42 Table 1.1-6

COAL TRAIN UNLOADING DUST COLLECTORS A,B,C,D

0.0625 TYP Particulate PM10

COAL TRUCK UNLOADING DUST COLLECTOR

0.0000 TYP Particulate PM10 Included in train unloading

COAL RESERVE RECLAIM DUST COLLECTOR

0.0018 TYP Particulate PM10 10% of Coal Crusher Emissions

COAL SAMPLE PREPARATION DUST COLLECTOR

0.0000 TYP Particulate PM10

COAL TRANSFER BUILDING #1 DUST COLLECTOR

0.0156 TYP Particulate PM10

COAL TRANSFER BUILDING #2 DUST COLLECTOR

0.0304 TYP Particulate PM10

COAL TRANSFER BUILDING #4 DUST COLLECTOR

0.0184 TYP Particulate PM10

COAL CRUSHER BUILDING DUST COLLECTOR

0.0184 TYP Particulate PM10

ACTIVE COAL STACKOUT (fugitive)

3.9049 TYP Particulate PM10

DUST COLLECTOR 13A & 13B

0.0295 TYP Particulate PM10

DUST COLLECTOR 14A & 14B

0.0156 TYP Particulate PM10

COAL PILE FUGITIVE EMISSIONS

0.8368 TYP Particulate PM10

277.4536 TYP PM10 (COAL ONLY)

**DENSE PACK PM10
COAL USAGE CALCULATIONS**

YEARLY INVENTORY

5,578,473	Tons coal received Railroad Unloading
0	Tons coal received Truck Unloading
5,268,249	Tons of coal fed to both Units
2,789,237	Tons of coal fed to Unit 1
2,789,237	Tons of coal fed to Unit 2
11,800	Coal heating value (Btu/lb)
	Gallons of #2 Fuel Oil burned in Unit 1
	Gallons of #2 Fuel Oil burned in Unit 2
	Gallons of #2 Fuel Oil burned in Aux. Boilers
	Fuel Oil heating value (Btu/lb)
	#2 Fuel Oil density (lb/gallon)
	Tons of Lime received
	Tons of Soda Ash received
	Tons of Limestone received
	Tons of Sludged produced
25.1	Coal pile (acres)
	Sludge pile (acres)
0	Limestone pile (acres)
	Unit 1 SO ₂ lbs/mmbtu
	Unit 1 SO ₂ tons (Part 75 CEM value)
0.0067	Unit 1 NO _x lbs/mmbtu (Part 75 CEM value)
	Unit 1 Particulate lbs/mmbtu (tsp)
	Unit 2 SO ₂ lbs/mmbtu
	Unit 2 SO ₂ tons (Part 75 CEM value)
0.0047	Unit 2 NO _x lbs/mmbtu (Part 75 CEM value)
	Unit 2 Particulate lbs/mmbtu (tsp)

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UNIT 1 SO₂ EMISSIONS
0.000 TYP SO₂

0 Unit One CEM SO₂ tons per year
U1 SO₂ tons/year 0 tons/year

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UNIT 1 NO_x EMISSIONS

TPY NO_x Coal Combustion
 $\text{NO}_x \text{ lbs/mmbtu} \times (\text{Coal fed to U1} \times 2000 \text{ lbs/ton}) \times \text{Coal heating value (btu/lb)}$

NO _x lbs/mmbtu annual average	0.000	lbs/mmbtu
Coal fed to Unit One	2,789,237	tons
Coal Heating Value	11,800	btu/lb

TPY NO_x Fuel Oil Combustion
 $\text{NO}_x \text{ lbs/1000 gals.} \times \text{Fuel Oil burned Unit One} \times 1 \text{ ton/2000 lbs}$

NO _x lbs/1000 gals	10.0	lbs/1000 gals
Fuel Oil burned in Unit One	0	gals.

UNIT 1 FABRIC FILTER PARTICULATE EMISSION (online)
202.8757 TYP Particulate PM10 AP 42 Table 1.1-6

UNIT 2 FABRIC FILTER PARTICULATE EMISSION (online)
142.3158 TYP Particulate PM10 AP 42 Table 1.1-6

COAL TRAIN UNLOADING DUST COLLECTORS A,B,C,D
0.0625 TYP Particulate PM10

COAL TRUCK UNLOADING DUST COLLECTOR
0.0000 TYP Particulate PM10 Included in train unloading

COAL RESERVE RECLAIM DUST COLLECTOR
0.0018 TYP Particulate PM10 10% of Coal Crusher Emissions

COAL SAMPLE PREPARATION DUST COLLECTOR
0.0000 TYP Particulate PM10

COAL TRANSFER BUILDING #1 DUST COLLECTOR
0.0156 TYP Particulate PM10

COAL TRANSFER BUILDING #2 DUST COLLECTOR
0.0304 TYP Particulate PM10

COAL TRANSFER BUILDING #4 DUST COLLECTOR
0.0184 TYP Particulate PM10

COAL CRUSHER BUILDING DUST COLLECTOR
0.0184 TYP Particulate PM10

ACTIVE COAL STACKOUT (fugitive)
3.9049 TYP Particulate PM10

DUST COLLECTOR 13A & 13B
0.0295 TYP Particulate PM10

DUST COLLECTOR 14A & 14B
0.0156 TYP Particulate PM10

COAL PILE FUGITIVE EMISSIONS
0.8368 TYP Particulate PM10

350.1255 TYP PM10 (COAL ONLY)

**DENSE PACK PM10
COAL USAGE CALCULATIONS**

YEARLY INVENTORY

5,578,473
0
5,268,249
2,789,237
2,789,237
11,800
25.1
0
0.0061
0.0036

Tons coal received Railcar Unloading
Tons coal received Truck Unloading
Tons of coal fed to both Units
Tons of coal fed to Unit 1
Tons of coal fed to Unit 2
Coal heating value (Btu/lb)
Gallons of #2 Fuel Oil burned in Unit 1
Gallons of #2 Fuel Oil burned in Unit 2
Gallons of #2 Fuel Oil burned in Aux. Boilers
Fuel Oil heating value (Btu/lb)
#2 Fuel Oil density (lb/gallon)
Tons of Lime received
Tons of Soda Ash received
Tons of Limestone received
Tons of Sludged produced
Coal pile (acres)
Sludge pile (acres)
Limestone pile (acres)
Unit 1 SO2 lbs/mmbtu
Unit 1 SO2 tons (Part 75 CEM value)
Unit 1 NOx lbs/mmbtu (Part 75 CEM value)
Unit 1 Particulate lbs/mmbtu (tsp)
Unit 2 SO2 lbs/mmbtu
Unit 2 SO2 tons (Part 75 CEM value)
Unit 2 NOx lbs/mmbtu (Part 75 CEM value)
Unit 2 Particulate lbs/mmbtu (tsp)

DAQ ID 1.0
2381

UNIT 1 SO2 EMISSIONS

0.000 TPY SO2

0

Unit One CEM SO2 tons per year

UT SO2 tons/year

0 tons/year

2381

UNIT 1 NOx EMISSIONS**TPY NOx Coal Combustion**

NOx lbs/mmbtu * (Coal fed to U1 * 2000lbs/ton) * Coal heating value(btu/lb)

NOx lbs/mmbtu annual average

0.000 lbs/mmbtu

Coal fed to Unit One

2,789,237 tons

Coal Heating Value

11,800 btu/lb

TPY NOx Fuel Oil Combustion

NOx lbs/1000 gals. * Fuel Oil burned Unit One * 1 ton/2000 lbs

NOx lbs/1000 gals.

10.0 lbs/1000 gals

Fuel Oil burned in Unit One

0 gals.

UNIT 1 FABRIC FILTER PARTICULATE EMISSION (online)
184.7077 TPY Particulate PM10 AP 42 Table 1.1-6

UNIT 2 FABRIC FILTER PARTICULATE EMISSION (online)
109.0078 TPY Particulate PM10 AP 42 Table 1.1-6

COAL TRAIN UNLOADING DUST COLLECTORS A,B,C,D
0.0625 TPY Particulate PM10

COAL TRUCK UNLOADING DUST COLLECTOR
0.0000 TPY Particulate PM10 Included in train unloading

COAL RESERVE RECLAIM DUST COLLECTOR
0.0018 TPY Particulate PM10 10% of Coal Crusher Emissions

COAL SAMPLE PREPARATION DUST COLLECTOR
0.0000 TPY Particulate PM10

COAL TRANSFER BUILDING #1 DUST COLLECTOR
0.0156 TPY Particulate PM10

COAL TRANSFER BUILDING #2 DUST COLLECTOR
0.0304 TPY Particulate PM10

COAL TRANSFER BUILDING #4 DUST COLLECTOR
0.0184 TPY Particulate PM10

COAL CRUSHER BUILDING DUST COLLECTOR
0.0184 TPY Particulate PM10

ACTIVE COAL STACKOUT (fugitive)
3.9049 TPY Particulate PM10

DUST COLLECTOR 13A & 13B
0.0295 TPY Particulate PM10

DUST COLLECTOR 14A & 14B
0.0156 TPY Particulate PM10

COAL PILE FUGITIVE EMISSIONS
0.8368 TPY Particulate PM10

298.6496 TPY PM10 (COAL ONLY)

99-00 Average lbs/mmbtu

inlet	stack	% reduction
0.7744	0.7524	93.8760
0.7744	0.0184	97.6189

U1/U2 '99-00 average
4% reduction stack lbs/mmbtu
97.618930% reduction (4% increase in scrubber efficiency)

1999 Unit One Unit Two

Coal Burned (tons)	2,472,213	Coal Burned (tons)	2,772,580
Heating Value btu/lb	11,858	Heating Value btu/lb	11,858
Inlet SO2 lbs/mmbtu	0.7963	Inlet SO2 lbs/mmbtu	0.7867
Stack SO2 lbs/mmbtu	0.0479	Stack SO2 lbs/mmbtu	0.0538
Inlet Tons SO2	23,343.93	Inlet Tons SO2	25,864.54
Stack Tons SO2	1,404.21 (1,566.4 EDR)	Stack Tons SO2	1,768.80 (2,131.8 EDR)
% Removal (lbs/mmbtu)	93.9847	% Removal (lbs/mmbtu)	93.1613
% Removal (tons)	93.9847	% Removal (tons)	93.1613
% Removal (EDR tons)	93.2899 0.69	% Removal (EDR tons)	91.7578 1.40

2000 Unit One Unit Two

Coal Burned (tons)	2,799,081	Coal Burned (tons)	2,484,709
Heating Value btu/lb	11,885	Heating Value btu/lb	11,885
Inlet SO2 lbs/mmbtu	0.7712	Inlet SO2 lbs/mmbtu	0.7432
Stack SO2 lbs/mmbtu	0.0482	Stack SO2 lbs/mmbtu	0.0477
Inlet Tons SO2	25,655.57	Inlet Tons SO2	21,947.27
Stack Tons SO2	1,603.47 (1,855.1 EDR)	Stack Tons SO2	1,408.62 (1,619.2 EDR)
% Removal (lbs/mmbtu)	93.7500	% Removal (lbs/mmbtu)	93.5818
% Removal (tons)	93.7500	% Removal (tons)	93.5818
% Removal (EDR tons)	92.7692 0.98	% Removal (EDR tons)	92.6223 0.96

1999-2000 Average Intermountain Generating Station

% Removal (lbs/mmbtu)	93.6194	Inlet lbs/mmbtu	
% Removal (tons)	93.6194	Stack lbs/mmbtu	
% Removal (EDR tons)	92.6098 1.01		

Dense Pack - Intermountain Generating Station

PREMODIFICATION	1999-2000 Average	POST MODIFICATION (w/o Scrubber Modification)	
Coal Burned (tons)	5,268,249	Coal Burned (tons)	5,578,473
Heating Value btu/lb	11,800	Heating Value btu/lb	11,800
Inlet SO2 lbs/mmbtu	0.7963	Inlet SO2 lbs/mmbtu	0.7867
Stack SO2 lbs/mmbtu	0.0479	Stack SO2 lbs/mmbtu	0.0538
Inlet Tons SO2	48,140.84	Inlet Tons SO2	50,975.64
Stack Tons SO2	3,070.97	Stack Tons SO2	3,251.80
% Removal (lbs/mmbtu)	93.6209	% Removal (lbs/mmbtu)	93.6209

93.389% 6.62%

Tons of SO2 Reduction
130.07

27,111.1 Tons S.

64.0588
32.04

9981

Tons of SO2 Reduction
2,039.03

POST MODIFICATION (w/Scrubber Modification)

4% reduction stack lbs/mmbtu	
Coal Burned (tons)	5,578,473
Heating Value btu/lb	11,800
Inlet SO2 lbs/mmbtu	0.7867
Stack SO2 lbs/mmbtu	0.047424
Inlet Tons SO2	50,975.64
Stack Tons SO2	3,121.73
% Removal (lbs/mmbtu)	93.8760

3645.6

POST MODIFICATION (w/Scrubber Modification)

97.6209% reduction (4% increase in scrubber efficiency)	
Coal Burned (tons)	5,578,473
Heating Value btu/lb	11,800
Inlet SO2 lbs/mmbtu	0.7867
Stack SO2 lbs/mmbtu	0.04484
Inlet Tons SO2	50,975.64
Stack Tons SO2	1,212.78
% Removal (lbs/mmbtu)	97.6209

1416.29
97.3648

28,729.156 S
57403.69 SO2
93.68%

3513.10 Tons

NOx 25144
+ 2854
27998

159

24346.087

NOTES:

- Stack SO2 tons calculated from lbs/mmbtu are less than SO2 tons calculated for EDR from CEM SO2 ppm and Stack flow.
- Dense Pack SO2 tons are calculated from lbs/mmbtu. (yellow boxes)

**DENSE PACK PM10
COAL USAGE CALCULATION SUMMARY**

YEARLY INVENTORY

5,578,473	Tons coal received Railcar Unloading
5,578,473	Tons of coal fed to both Units
2,789,237	Tons of coal fed to Unit 1
2,789,237	Tons of coal fed to Unit 2
11,800	Coal heating value (Btu/lb)
25.1	Coal pile (acres)
0.0056	Unit 1 Particulate lbs/mmbtu (tsp)
0.0036	Unit 2 Particulate lbs/mmbtu (tsp)

UNIT 1 FABRIC FILTER PARTICULATE EMISSION (online)

169.5677 TPY Particulate PM10 AP 42 Table 1.1-6

UNIT 2 FABRIC FILTER PARTICULATE EMISSION (online)

109.0078 TPY Particulate PM10 AP 42 Table 1.1-6

COAL TRAIN UNLOADING DUST COLLECTORS A,B,C,D

0.0625 TPY Particulate PM10

COAL TRUCK UNLOADING DUST COLLECTOR

0.0000 TPY Particulate PM10 Included in train unloading

COAL RESERVE RECLAIM DUST COLLECTOR

0.0020 TPY Particulate PM10 10% of Coal Crusher Emissions

COAL SAMPLE PREPARATION DUST COLLECTOR

0.0000 TPY Particulate PM10

COAL TRANSFER BUILDING #1 DUST COLLECTOR

0.0156 TPY Particulate PM10

COAL TRANSFER BUILDING #2 DUST COLLECTOR

0.0312 TPY Particulate PM10

COAL TRANSFER BUILDING #4 DUST COLLECTOR

0.0195 TPY Particulate PM10

COAL CRUSHER BUILDING DUST COLLECTOR

0.0195 TPY Particulate PM10

ACTIVE COAL STACKOUT (fugitive)

3.9049 TPY Particulate PM10

DUST COLLECTOR 13A & 13B

0.0312 TPY Particulate PM10

DUST COLLECTOR 14A & 14B

0.0156 TPY Particulate PM10

COAL PILE FUGITIVE EMISSIONS

0.8368 TPY Particulate PM10

283.5145 TPY PM10 (COAL ONLY)

COMMENTS

EF found in

Use cumulative Mass % <= Stated Size in AP-42 Table 1.1-5 for percentages of PM10 and PM2.5 as

PM10 = 92% of TSP

PM2.5 = 53% of TSP

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